

Exhibit I

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bigip/sys/libbigip/lib_smb.c - annotate - 1.1.2.1 - Mozilla Firefox

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```

471     if (!conn_p = t_find_ip_port(flow->orig_src_ipaddr,
472                                flow->orig_src_port)) {
473
474         if (! (vb_p = find_vipbox_addr(flow->orig_dst_ipaddr,
475                                     flow->orig_dst_port))) {
476             msg->header.error_code = SSERR_UNKNOWN;
477             return;
478         }
479
480         /* check_limits/t_add_ip_port expect the source and destination addresses
481            to be defined in a ip/tcp header, so create a fake one with just
482            enough data filled in for both functions (src/dst ip addresses and
483            src/dst ports).
484
485            In the future there will be a check_limits function
486            for SSNS traffic that doesn't need to do this. */
487
488         if (! (m = m_get(M_WAIT, MT_HEADER))) {
489             log(LOG_LOCAL0 | LOG_NOTICE,
490                "smb_query: unable to get mbuf for limit check/a");
491             return;
492         }
493
494         m->m_len = m->m_pkthdr.len = sizeof(struct ip) + sizeof(struct tcp_hdr);
495
496         ip_p = mtoad(m, struct ip *);
497         tcp_p = (struct tcp_hdr *) ((caddr_t) ip_p + sizeof(struct ip));
498
499         ip_p->ip_hl = sizeof(struct ip) >> 2;
500         ip_p->ip_src.s_addr = flow->orig_src_ipaddr;
501         ip_p->ip_dst.s_addr = flow->orig_dst_ipaddr;
502         tcp_p->th_sport = ntohs(flow->orig_src_port);
503         tcp_p->th_dport = ntohs(flow->orig_dst_port);
504
505         /* shames 1.1.2.1
506            if ((limit_error = check_limits(ip_p, vb_p, err_msg_buf))) {
507                log(LOG_LOCAL0 | LOG_NOTICE, err_msg_buf);
508                inc_err_cntrs(limit_error);
509                switch (limit_error) {
510                    case denial_bigip_in_maint_mode:
511                    case tcp_port_denial:
512                    case denial_vip_in_maint_mode:
513                        msg->header.error_code = SSERR_NOTAVAIL;
514                        break;
515                    case denial_max_connects_per_port:
516                    case denial_max_connects_per_viphead:
517                    case denial_max_connects_per_vipbox:
518                        msg->header.error_code = SSERR_CONNLIMIT;
519                        break;
520                }
521                m_freem(m);
522                return;
523            }
524
525            conn_p = t_add_ip_port(flow->orig_src_ipaddr,
526                                flow->orig_src_port,
527                                flow->orig_src_port,
528                                flow->orig_dst_port,
529                                ip_p,
530                                inet_layer_1ber,
531                                NULL,
532                                NULL);

```

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```

331  NULL,
332  NULL,
333  NULL,
334  flow->proto,
335  app_none,
336  0);
337
338  m_freem(m);
339
340  if (!conn_p) {
341      msg->header.error_code = SSERR_UNKNOWN;
342      log(LOG_LOCAL0 | LOG_DEBUG, "smb_query: unable to add connection\n");
343      return;
344  }
345
346  nb_p = pick_nodebox(flow->orig_dst_ipaddr, flow->orig_dst_port, conn_p);
347
348  if (!nb_p) {
349      t_del_ip_port(flow->orig_src_ipaddr, flow->orig_src_port);
350
351      msg->header.error_code = !nb_p ? SSERR_CONNLIMIT : SSERR_UNKNOWN;
352      return;
353  }
354
355  conn_p->use_smb = 1;
356  conn_p->flow_id = flow->flow_id;
357
358  /* Fill in the new destination (node) address, next hop address,
359   and the flags fields for the return message. */
360
361  increment_all_conncount(conn_p);
362
363

```

Find 442 Find Next Find Previous Highlight Match case

Done

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BIG/flow

Rob Gilde
February 18, 1999



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